1   1.   A method comprising:
2   receiving a file including characters;
3   converting said file to a first code format if
4   the characters are of a first type; and
5   converting said file to a second code format if
6   said characters are of a second type.

1   2.   The method of claim 1 including receiving a web
2   page in a plane, row and column format.

1   3.   The method of claim 1 including checking to
2   determine whether a character set plane is changed.

1   4.   The method of claim 3 wherein if the character
2   set plane is changed, inserting a new character set
3   designator.

1   5.   The method of claim 3 including determining
2   whether the characters in the file are defined according to
3   the first code format.

1   6.   The method of claim 5 wherein if said characters
2   are coded according to said first code format, table
3   mapping Unicode values to said first code format.

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1   7.   The method of claim 5 wherein if said first code
2   format is not utilized, using the surrogate area of
3   Unicode.

1   8.   The method of claim 7 including using a surrogate
2   value to find a font file location and offset.

1   9.   The method of claim 7 including dividing font
2   files into planes.

1   10.   The method of claim 9 including selectively
2   determining a font for a particular character from plane,
3   row and column information or from surrogate Unicode
4   information.

1   11.   An article comprising a medium storing
2   instructions that enable a processor-based system to:
3   receive a file including characters;
4   convert the file to a first code format if the
5   characters are of a first type; and
6   convert said file to a second code format if said
7   characters are of a second type.

1   12.   The article of claim 11 further storing
2   instructions that enable the processor-based system to
3   receive a web page in a plane, row and column format.

1   13.   The article of claim 11 further storing
2   instructions that enable the processor-based system to
3   check to determine when the character set plane is changed.

1   14.   The article of claim 13 further storing
2   instructions that enable the processor-based system to
3   insert a new character set designator if the character set
4   plane is changed.

1   15.   The article of claim 13 further storing
2   instructions that enable the processor-based system to
3   determine whether the characters in the file are defined
4   according to the first code format.

1   16.   The article of claim 15 further storing
2   instructions that enable the processor-based system to map
3   Unicode values to said first code format if said characters
4   are coded according to said first code format.

1   17.   The article of claim 15 further storing
2   instructions that enable the processor-based system to use
3   the surrogate area of Unicode if said first code format is
4   not utilized.

1   18.   The article of claim 17 further storing
2   instructions that enable the processor-based system to use
3   a surrogate value to find a font file location offset.

1   19.   The article of claim 17 further storing
2   instructions that enable the processor-based system to
3   divide font files into planes.

1   20.   The article of claim 19 further storing
2   instructions that enable the processor-based system to
3   selectively determine a font for a particular character
4   from plane, row and column information or from surrogate
5   Unicode information.

1   21.   A system comprising:
2   a processor; and
3   a storage coupled to the processor, the storage
4   storing a browser that is able to receive a file including
5   characters, convert the file to a first code format if the
6   characters are of a first type and convert said file to a
7   second code format if said characters are of a second type.

1   22.   The system of claim 21 wherein the storage stores
2   instructions that enable the processor to receive a web
3   page in a plane, row and column format.

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1   23. The system of claim 21 wherein said storage
2   stores instructions that enable the processor to map
3   Unicode values to the first code format if the characters
4   are coded according to first code format.

1   24. The system of claim 23 wherein said storage
2   stores instructions that enable the processor to use a
3   surrogate area of Unicode if the first code format is not
4   utilized.

1   25. The system of claim 21 wherein said storage
2   stores instructions that enable the processor to
3   selectively determine a font for a particular character
4   from plane, row and column information or from the
5   surrogate Unicode information.